Index of Claims

| App | olication | /Control | No. |
|-----|-----------|----------|-----|

10/752,399

Examiner

Patrick Butler

Applicant(s)/Patent under Reexamination

CHANG ET AL.

Art Unit

1732

| <br>1 | Rejected |
|-------|----------|
| =     | Allowed  |

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
|   | Interference |

| A | Appeal   |
|---|----------|
| o | Objected |

|             |                            |                                       |          |              |  |                              | J                 |          |              |          |
|-------------|----------------------------|---------------------------------------|----------|--------------|--|------------------------------|-------------------|----------|--------------|----------|
| Cla         | aim                        | Date                                  |          |              |  |                              |                   |          |              |          |
| Final       | Original                   | 5/26/05                               |          |              |  |                              |                   |          |              |          |
|             | 1                          | 1                                     |          |              | ┢  | ┢                            |                   |          |              | -        |
|             | 1<br>2<br>3                | 1                                     |          |              |  |                              |                   |          |              |          |
|             | 3                          | ₹                                     |          |              | Γ  |                              | Г                 |          |              |          |
|             | 4<br>5                     | 1                                     |          |              |  |                              |                   |          |              |          |
|             | 5                          |                                       |          |              |  |                              |                   |          |              |          |
|             | 6                          | 1                                     |          |              |  |                              |                   |          |              |          |
|             | 7                          | 7                                     |          |              |  |                              |                   |          |              |          |
|             | 8                          | 1                                     |          |              | _  | _                            | <u> </u>          |          |              |          |
|             | 9                          | 1                                     | <u> </u> | L            | ļ  |                              |                   |          |              |          |
|             | 10                         | 1                                     | ļ        | ļ            | <u> </u>                                     | _                            |                   | <u> </u> |              |          |
|             | 11                         | 1                                     |          | ļ            | <u>                                     </u> | _                            | <u> </u>          | <u> </u> |              |          |
|             | 12                         | 1                                     | <b> </b> | <del> </del> | <u> </u>                                     | ├                            | ├-                | -        | <u> </u>     | Н        |
|             | 12<br>13<br>14<br>15<br>16 | 1                                     |          | $\vdash$     | $\vdash$                                     | $\vdash$                     | ⊢                 | -        | ├            | Н        |
|             | 14                         |                                       |          | <u> </u>     | $\vdash$                                     |                              | ├-                | -        | <u> </u>     | -        |
|             | 10                         | 1                                     | _        | $\vdash$     | ├  | -                            | ⊢                 | ┝        | ⊢            | $\vdash$ |
|             | 17                         | 1                                     |          | -            | -  | -                            |                   |          | <del> </del> | _        |
|             | 18                         | 1                                     | -        | ⊢            | H  | -                            |                   | ├        |              | Н        |
|             | 18<br>19                   | 1                                     |          | $\vdash$     | ┢  |                              |                   | ┝        | $\vdash$     |          |
|             | 20                         | 1                                     | -        | $\vdash$     | H  |                              |                   | -        | $\vdash$     |          |
|             | 21                         | 1                                     | $\vdash$ | -            |  |                              |                   | -        | -            | $\vdash$ |
| <del></del> | 22                         | 1                                     | $\vdash$ | $\vdash$     | -  | -                            | _                 |          |              |          |
|             | 23                         | V                                     | H        |              | -  |                              | _                 | _        | <u> </u>     |          |
|             | 23<br>24                   | 1                                     | $\vdash$ |              | -  |                              |                   |          |              |          |
|             | 25                         | 1                                     |          |              |  |                              |                   |          |              |          |
|             | 26                         | 1 1 1                                 | Г        |              |  |                              |                   |          |              |          |
|             | 27                         | 1                                     |          |              |  |                              |                   |          |              |          |
|             | 28<br>29                   | 1                                     |          |              |  |                              |                   |          |              |          |
|             | 29                         | 1                                     |          |              |  |                              |                   |          |              |          |
|             | 30                         | 1                                     |          |              |  |                              |                   |          |              |          |
|             | 31<br>32                   | 1                                     |          |              |  |                              |                   |          |              |          |
|             | 32                         |                                       | <u> </u> | <u> </u>     | <u> </u>                                     |                              |                   |          |              | Ш        |
|             | 33                         | 77777                                 | <u> </u> |              | _  | $ldsymbol{ldsymbol{\sqcup}}$ | $ldsymbol{f eta}$ |          | <u> </u>     | Ш        |
|             | 34                         | <b>V</b>                              | <u> </u> | <u> </u>     | ļ  | L                            |                   |          | Ц.,          | Ш        |
|             | 35                         | ٧                                     |          |              | L-   |                              |                   |          | _            | Щ        |
|             | 36                         | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | Ļ        | Щ.           | <u> </u>                                     | $\vdash$                     | <u> </u>          | <u> </u> | <u> </u>     | Н        |
|             | 37<br>38                   | 7                                     |          | _            | H  |                              |                   | -        | $\vdash$     | Н        |
|             | 39                         | 1                                     | ļ        | <b> </b>     |  | $\vdash$                     | ├                 |          | H            | Н        |
|             | 40                         | 7                                     | Η        | H-:          |  | $\vdash$                     | $\vdash$          | Н        | ├-           | Н        |
|             | 41                         | 1                                     | —        | <del>-</del> | -  | $\vdash$                     | $\vdash$          | -        | -            | Н        |
|             | 42                         | Ť                                     |          |              | $\vdash$                                     |                              | $\vdash$          | $\vdash$ | Н            | Н        |
|             | 43                         | Ė                                     |          |              |  | H                            |                   |          | H            | Н        |
|             | 44                         | $\vdash$                              | Н        | Н            |  | Н                            | Н                 |          | -            | Н        |
|             | 45                         |                                       |          |              | _  | $\vdash$                     | $\vdash$          |          | Т            | $\vdash$ |
|             | 46                         | Т                                     |          |              |  |                              |                   |          |              | $\vdash$ |
|             | 47                         |                                       |          | П            | П  |                              | П                 |          |              | П        |
|             | 48                         |                                       |          |              |  |                              |                   |          |              |          |
|             | 49                         |                                       |          |              |  |                              |                   |          |              |          |
|             | 50                         |                                       |          | $\Box$       |  |                              |                   |          |              |          |

| Cla  | Date   |          |              |  |   |   |          |          |  |          |  |
|--|--|----------|--------------|--|---|---|----------|----------|--|----------|--|
|  |  |          |              |  |   |   |          |          | Γ  | Γ        |  |
| - a  | Original   | ĺ        |              |  |   |   |          |          |  |          |  |
| Final  | Ē  |          | l            |  |   |   |          |          |  |          |  |
| "-   | ō  |          | l            |  |   |   |          | ĺ        | ŀ  |          |  |
| <u> </u>   | L  |          | L            | _  | _   |   |          |          | _  |          |  |
|  | 51   |          |              | <u> </u>   | L   |   |          | 匚        |  |          |  |
|  | 52   |          |              |  |   |   |          | L        |  |          |  |
|  | 53   |          |              |  |   |   |          |          |  |          |  |
|  | 54   |          |              | Τ  |   |   |          |          |  |          |  |
|  | 52<br>53<br>54<br>55                                     |          | _            |  |   |   | _        | _        |  |          |  |
|  | 56   | _        |              | $\vdash$   | -   | <del> </del>  | $\vdash$ | $\vdash$ | _  | _        |  |
|  | 57   |          | ┢            | ⊢  | -   |   | $\vdash$ | ⊢        | -  | -        |  |
|  | 57<br>58   | -        | -            | $\vdash$   | _   |   | -        | _        | -  |          |  |
|  | 50   | <u> </u> |              | $\vdash$   | <u> </u>  | ┞   | <u> </u> | <u> </u> | _  | <u> </u> |  |
| <u> </u>   | 59   | -        | <u> </u>     | _  | <u> </u>  | ┡   | ļ        |          | _  | L        |  |
| L  | 60   |          |              |  |   |   |          | _        | L  |          |  |
|  | 61<br>62   | <u></u>  | $oxed{oxed}$ | $oxed{oxed}$                                     | $ldsymbol{ld}}}}}}$ |   |          |          | L  |          |  |
|  | 62   | L        | L            |  |   | L   | L        | L        | L  | L        |  |
|  | 63   |          |              |  |   |   |          |          |  |          |  |
|  | 64<br>65   |          |              |  |   |   |          |          |  |          |  |
|  | 65   | T-       | Τ            |  | <del>                                     </del>  |   |          | $\vdash$ | <del>                                     </del> | $\vdash$ |  |
|  | 66   | $\vdash$ | $\vdash$     | <del>                                     </del> | <u> </u>  | $\vdash$  | <u> </u> | ├        | $\vdash$   | $\vdash$ |  |
|  | 67   | $\vdash$ |              | _  | _   | -   |          | ⊢        | $\vdash$   | ┝╾       |  |
|  | 60   | $\vdash$ |              | <u> </u>   | -   | $\vdash$  | _        | $\vdash$ | -  | -        |  |
| -  | 00   | <u> </u> |              | <u> </u>   |   | $\vdash$  | _        | ⊨        |  | <u> </u> |  |
|  | 68<br>69<br>70   | <u> </u> |              | <u> </u>   | _   | _   | _        | $\vdash$ | _  | _        |  |
| <u></u>  | 70   | _        |              | <u> </u>   |   | $\vdash$  | L_       |          | _  |          |  |
|  | 71<br>72<br>73<br>74<br>75<br>76<br>77<br>78<br>79<br>80 |          |              | L  |   | $ldsymbol{ld}}}}}}$ |          |          |  | _        |  |
|  | 72   |          | _            |  |   |   |          |          |  |          |  |
| L  | 73   |          | ·            |  |   |   |          |          |  |          |  |
|  | 74   |          | <u>.</u>     |  |   |   |          |          |  | <u> </u> |  |
|  | 75   |          |              |  |   |   |          |          |  |          |  |
|  | 76   |          |              | -  |   |   |          |          |  |          |  |
|  | 77   |          |              |  |   |   |          |          |  |          |  |
|  | 78   |          |              |  |   |   |          |          |  |          |  |
|  | 79   |          |              |  |   |   |          |          |  |          |  |
|  | 80   |          | Г            |  |   |   |          |          |  | Т        |  |
|  | 81   | _        | ┢            |  |   |   | ,        |          |  | _        |  |
|  | 82   |          | <del> </del> | _  | -   | $\vdash$  | $\vdash$ | -        | _  | $\vdash$ |  |
| <del>                                     </del> | 82<br>83   | _        | <del> </del> |  |   | ┝   | $\vdash$ | $\vdash$ | -  |          |  |
|  | 0.4  |          | -            |  | -   | -   | -        | _        |  |          |  |
|  | 84<br>85   | $\vdash$ | H            |  | _   | $\vdash$  |          |          |  | _        |  |
|  | 00   | <u> </u> | <u> </u>     | Н  | H   | <del> </del>  | _        | <u> </u> | $\vdash$   | Ь.       |  |
| <u></u>  | 86   | $\vdash$ |              | Н  | Н   | $\vdash$  |          |          | $\vdash$   | <u> </u> |  |
| <u> </u>   | 87<br>88   |          | $\vdash$     | L.   |   | <u> </u>  | _        |          |  | <u> </u> |  |
|  | 88   | L.,      |              | _  | ļ   | <u> </u>  | _        | Ш        | <u> </u>   | <u> </u> |  |
|  | 89   | Щ        | L.,          |  |   | L.,   |          |          | Ш  | L        |  |
|  | 90   | Щ        |              | _  | Ш   | $ldsymbol{ld}}}}}}$ |          | Ш        | $\Box$   | <u> </u> |  |
|  | 91   |          |              |  |   |   |          |          |  |          |  |
|  | 92   |          |              |  |   |   |          |          |  |          |  |
|  | 93   |          |              |  |   |   |          |          |  |          |  |
|  | 94   |          |              |  |   |   |          |          |  |          |  |
|  | 95   |          |              |  |   |   |          |          |  |          |  |
|  | 96   |          |              |  |   |   |          |          |  |          |  |
|  | 97   |          |              |  |   |   |          |          |  |          |  |
|  | 98   |          |              |  |   |   |          |          |  |          |  |
|  | 99   |          | П            |  |   |   |          |          |  |          |  |
|  | 100  |          |              |  |   |   |          |          |  |          |  |

| Claim                  |  | Ι            |          |              |  | Date                                |              |          |  | $\neg$          |
|------------------------|--|--------------|----------|--------------|--|-------------------------------------|--------------|----------|--|-----------------|
|                        |  |              | Γ        | Г            |  |                                     |              |          |  | П               |
| <u>a</u>               | Original   |              |          |              |  |                                     |              |          |  | 1 1             |
| Final                  | ]<br>[ <u>.</u> ]                                    |              |          | ٠.           |  |                                     | 1            |          | 1  | ΙI              |
| -                      | 0  |              |          |              |  |                                     |              |          |  | ΙI              |
| <u> </u>               | 101  | -            | -        |              | $\vdash$   | ┢                                   | $\vdash$     | -        | -  | ╁─┤             |
|                        | 101<br>102   | -            |          | 1            | -  | ┢                                   | <del> </del> | $\vdash$ | $\vdash$   | Н               |
| <del> </del>           | 102  |              |          |              | -  | $\vdash$                            | -            | ├        | -  | Н               |
|                        | 103  |              | <u> </u> | ⊢            | -  | $\vdash$                            |              | ⊢        | ├  |                 |
| ┝                      | 104  | -            |          | ├            | ⊢  | -                                   | <del> </del> | ⊢        | -  | $\vdash$        |
| <b> </b>               | 105  | -            |          | -            | ┝  | -                                   | _            | -        | -  | Н               |
|                        | 100  | <u> </u>     | -        | ⊢            | ⊢  | -                                   | ┡            | -        | -  | $\vdash$        |
| <u> </u>               | 107  | -            | -        | <del> </del> | ⊢  | -                                   | ⊢            | -        | -  |                 |
|                        | 103<br>104<br>105<br>106<br>107<br>108<br>109        | <u> </u>     | ļ        | -            | ⊢  | -                                   | ┡            | <u> </u> | -  | ₩               |
| _                      | 109  |              | <u> </u> | <u> </u>     | <u> </u>   | <u> </u>                            |              | _        | _  | _               |
|                        | 110  | <u> </u>     | <u> </u> | _            | _  | _                                   |              | <u> </u> | _  |                 |
| <b></b>                | 111<br>112<br>113                                    | <u> </u>     | $\vdash$ | $\vdash$     | $\vdash$   | <del> </del>                        | <u> </u>     | ├        | <u> </u>   | Ш               |
| <u> </u>               | 112  | <u> </u>     | <u> </u> | $\vdash$     | -  | _                                   | <u> </u>     | <u> </u> |  | Ц               |
|                        | 113  | <u> </u>     | <u> </u> | <u> </u>     | <u> </u>   | <u> </u>                            | _            | <u> </u> | <b> </b>   | Ш               |
|                        | 114<br>115<br>116<br>117<br>118<br>119<br>120        | <u> </u>     | <u> </u> | <u> </u>     | ļ  | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | L            | <u> </u> | L.   | Ш               |
|                        | 115  | <u> </u>     | <u> </u> | <u> </u>     | L_   | <u> </u>                            | L            |          | L  | Ш               |
|                        | 116  | $oxed{oxed}$ | <u> </u> | <u> </u>     | $ldsymbol{ld}}}}}}$ | <u> </u>                            |              |          | L_   | Ш               |
|                        | 117  |              | <u> </u> | _            |  | $oxedsymbol{oxed}$                  |              |          |  |                 |
|                        | 118  |              |          |              |  |                                     |              |          |  |                 |
|                        | 119  |              |          |              |  |                                     |              |          |  |                 |
|                        | 120  |              |          |              |  |                                     |              |          |  |                 |
|                        | 121  |              |          |              |  |                                     |              |          | Г  | П               |
|                        | 122  |              |          |              |  |                                     |              |          |  |                 |
|                        | 123  |              |          |              |  |                                     |              |          |  |                 |
|                        | 122<br>123<br>124<br>125<br>126<br>127<br>128<br>129 |              |          |              |  |                                     |              |          |  | П               |
|                        | 125  |              |          |              |  |                                     |              |          | _  | П               |
|                        | 126  |              |          |              |  |                                     |              |          |  |                 |
|                        | 127  |              |          |              | _  | $\vdash$                            |              |          |  | П               |
|                        | 128  |              |          | -            |  |                                     |              |          |  | М               |
|                        | 129  | _            | _        |              |  |                                     |              |          |  | Н               |
|                        | 130  | _            |          | -            | _  |                                     |              | _        |  | Н               |
|                        | 131  | _            | _        | _            | $\vdash$   | $\vdash$                            | _            | _        | $\vdash$   | Н               |
|                        | 132  |              |          |              | -  | Н                                   |              | $\vdash$ | $\vdash$   | Н               |
| $\vdash$               | 130<br>131<br>132<br>133<br>134                      | _            | Т        |              | _  | $\vdash$                            |              |          |  | Н               |
|                        | 134  |              | _        |              | $\vdash$   | -                                   |              |          |  | H               |
|                        | 135  |              |          |              | $\vdash$   | $\vdash$                            | —            | $\vdash$ | <del>                                     </del> | $\vdash$        |
|                        | 135<br>136   |              | Н        |              | -  |                                     |              | $\vdash$ | -  | Н               |
|                        | 137  | _            | $\vdash$ |              | $\vdash$   | $\vdash$                            | —            | H        | H  | H               |
|                        | 138  |              |          |              | _  |                                     |              | $\vdash$ | -  | $\vdash$        |
|                        | 138<br>139   |              |          |              | -  |                                     |              | $\vdash$ | -  | -               |
| -                      | 140  | -            | Н        | $\vdash$     | -  | Н                                   | _            | -        | -  | $\vdash \vdash$ |
|                        | 4 4 4  | -            | $\vdash$ | $\vdash$     | <del> </del>   | $\vdash$                            | -            | -        | _  | Н               |
|                        | 141  | $\vdash$     | -        | $\vdash$     | -  |                                     | -            | $\vdash$ |  | $\vdash$        |
|                        | 143  | -            | -        | $\vdash$     | -  | $\vdash$                            |              | $\vdash$ | $\vdash$   | Н               |
|                        | 144  | -            | $\vdash$ | ├            | Н  | H                                   |              | $\vdash$ | $\vdash$   | $\vdash \vdash$ |
| $\vdash$               | 145  | _            |          | $\vdash$     | -  | -                                   | $\vdash$     | $\vdash$ |  | $\vdash$        |
| $\vdash \vdash \vdash$ | 146  |              | $\vdash$ | ⊢            | H  | $\vdash$                            | -            | $\vdash$ | <del> </del>                                     | Н               |
|                        | 146  |              |          | ⊢            | Ι  | Н                                   | $\vdash$     | ⊢        | $\vdash$   | Н               |
|                        | 147  | _            | $\vdash$ |              | _  | $\vdash$                            | _            | $\vdash$ | $\vdash$   | H               |
| <del>   </del>         | 148  |              | <b>—</b> | $\vdash$     | $\vdash$   | Щ                                   | _            | $\vdash$ | $\vdash$   | $\vdash$        |
| <u> </u>               | 149  |              |          | $\vdash$     | <u> </u>   | Щ                                   |              | <u> </u> | <u> </u>   | Н               |
|                        | 150  |              | L        | Щ.           | Щ.   |                                     |              | <u> </u> |  | Ш               |